

FORM 2: Application for irrigation in South Dakota

(type or print)

FILE COPY

Mail to: DENR - Water Rights 523 E Capitol Ave Pierre, SD 57501-3182 ph. (605) 773-3352	(office use only)	
	No. <u>8200-3</u>	Hydrologic Unit <u>10130105</u>
	Basin <u>Missouri River</u>	
	Newspaper <u>Hoven Review, Hoven 605 948-2110</u> <u>(Thurs)</u> <u>Capital Journal, Pierre 605 224-7301</u>	

RECEIVED

FEB 05 2016

WATER RIGHTS
PROGRAM

Application For Permit To Appropriate Water For Irrigation

Type of Application: ☒ New ☐ Vested Right ☐ Amendment/Correction to Permit No. _____

(Use predates Mar 2, 1955)

Description of amendment/correction: (i.e. change diversion point(s), add diversion point(s), change use, etc.)

1. Name to Appear on Irrigation Permit Don Schaefer

Note: The "Name to Appear on Irrigation Permit" must be the name in which the property to be irrigated is held in.

Mailing Address 31435 149th Street Hoven SD 57450
(Address) (City) (State) (Zip Code)

Phone 948-2566 Mobile 380-8550 Email _____

2. Amount of water claimed 2.28 *CFS or _____ **GPM _____ ***AF Total Acreage 160
(*Cubic Feet per Second) (**Gallons per Minute) (***)Acre Feet - storage capacity of dam/dugout or annual use if applicable)

3. Source of water supply groundwater - up to 3 wells

4. Location of point of diversion approximate center of NE 1/4, NE 1/4 NE 1/4 and SE 1/4 NE 1/4 Section 21,
(example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W)

T120N, R74W County Potter

5. County or counties where water will be used Potter

6. Annual period during which water is to be used April - October 31

7. List below each forty acre division, or lot, or fraction thereof and show number of acres to be irrigated in each.
(Attach sheet if more space is needed)

Land Description	Acres	Land Description	Acres
NE 1/4 Section 21, T120N, R74W	160		

8. Give a description of the project. (Attach sheet if more space is needed)

develop new center pivot irrigation. Plans may include a cornering system

I, Don Schaefer, the applicant, certify under
Name of Person Title (if applicable)

penalty of perjury that I have read this application, examined the attached map, and that the matters stated are true. I further certify, if acting on behalf of an entity or individual other than myself, that I am authorized to submit this application.

Supplemental Information

(type or print)

RECEIVED
FEB 05 2016
WATER RIGHTS
PROGRAM

1. Well Information (check one or both as applicable) ☒ Drilling new well(s) ☐ Using existing well(s)

a) If new wells, how many 3 Have test holes been drilled ☐ Yes ☒ No Drilled by _____
(if yes, please provide copies of logs)

b) If existing wells, how many _____ Provide copy of log(s), if available. Drilled by _____

For either Existing or Proposed Wells:

c) Well Depth (required) 50 Depth to Top of Water Bearing Material _____ Depth to Water from Surface _____

d) Distance to nearest domestic well on applicant's property none Property owned by others 3/4 miles

2. Wastewater Disposal System Information

a) Type of System (i.e. septic tank, drain field) _____

b) System Capacity (gallons) _____ Year Constructed _____

c) Connected to the City of _____ Sanitary System

3. Dugout Information

a) Surface Dimensions _____ Depth _____

b) Depth to water (ground surface to water level) _____

4. Water Storage Dams

If the proposed water use system contains one or more storage dams, please furnish the information requested below for each dam. The locations of the dams need to be shown on the map submitted with the application.

a) If a private engineering firm or government agency was involved in the design of this dam, please give their name and address:

b) Freeboard _____

c) Crest Width _____

Crest Length _____

d) Height _____

e) Primary Outlet Capacity _____

If pipe, diameter _____

f) Secondary Spillway Capacity _____

Spillway Width _____

g) X & Y Slope (e.g. 3 to 1 is a typical slope)

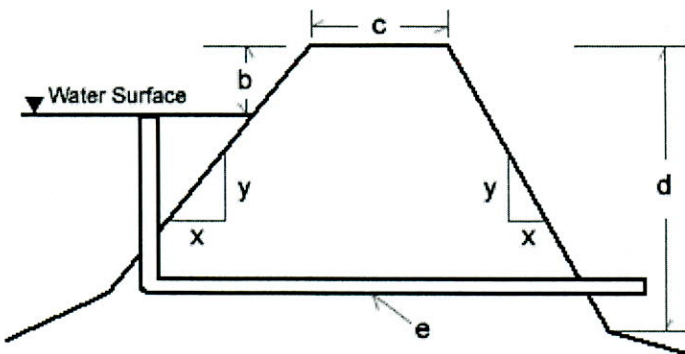
Upstream _____

Downstream _____

h) Surface Area of Impoundment _____

i) Storage _____ Acre Feet

j) Drainage Area Above Dam _____ Acres

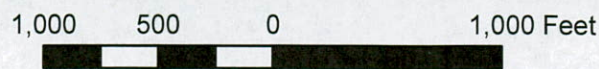


WATER PERMIT APPLICATION FOR DON SCHAEFER

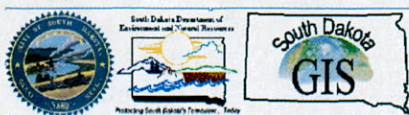
RECEIVED

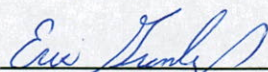


Sec. 21
T120N
R74W



● Proposed well location




Eric Gronlund
Water Rights Program, DENR
based on Mr. Schaefer's representation